

Claims

1. Method for generating and/or processing a data stream description, with the data stream description being used to  
5 describe and/or reference and/or classify sections of a data stream and with the data stream description being able to be transformed by means of a processor using a transformation, with the transformed data stream description allowing an adaptation of the data stream,  
10 characterized in that  
one or more sections of the data stream description are identified as process units, with a process unit containing all the information from the data stream description that is required for the transformation of the process unit by means  
15 of the processor to a transformed process unit, without sections of the data stream description outside the process unit having to be accessed during the transformation.
2. Method according to claim 1, with which the data stream  
20 description is an XML-based data stream description.
3. Method according to claim 2, with which the data stream description contains BSD and/or gBSD units.
- 25 4. Method according to one of the preceding claims, with which at least one process unit comprises two or more parts, which are not successive in the data stream description.
5. Method according to one of the preceding claims, with  
30 which non-successive sections of the data stream are described by a process unit.

6. Method according to one of the preceding claims, with which at least one sub-area of at least one process unit is identified as a persistent sub-area, containing information that can be used during the transformation of process units  
5 following the at least one process unit.

7. Method according to one of the preceding claims, with which at least one sub-area of at least one process unit is identified as a persistent sub-area, describing information  
10 from the data stream, which can be used during the adaptation of sections of the data stream, which are described by process units following the at least one process unit.

8. Method according to claim 6 or 7, with which it is  
15 signaled how long a persistent sub-area of a process unit and/or the section of the data stream, which is described by the persistent sub-area, is to be stored in a memory of the processor for the transformation of the data stream description and/or adaptation of the data stream.

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9. Method according to one of claims 6 to 8, with which it is signaled that a persistent sub-area of a process unit stored in a memory of the processor is to be deleted.

25 10. Method according to one of the preceding claims, with which the maximum memory capacity of the process units and/or the sections of the data stream described by the process units is signaled.

30 11. Method according to one of the preceding claims, with which the identifications and signalings carried out are stored in a separate data stream and/or in the data stream

description.

12. Device for generating and/or processing a data stream  
description, which is configured such that a method according  
5 to one of the preceding claims can be implemented.

13. Device according to claim 12, the device being part of a  
device for transforming a data stream description and/or  
adapting a data stream.